



Department of Public Works
OF THE
PROVINCE OF ALBERTA

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EDMONTON, ALBERTA

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1970

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Department of Public Works

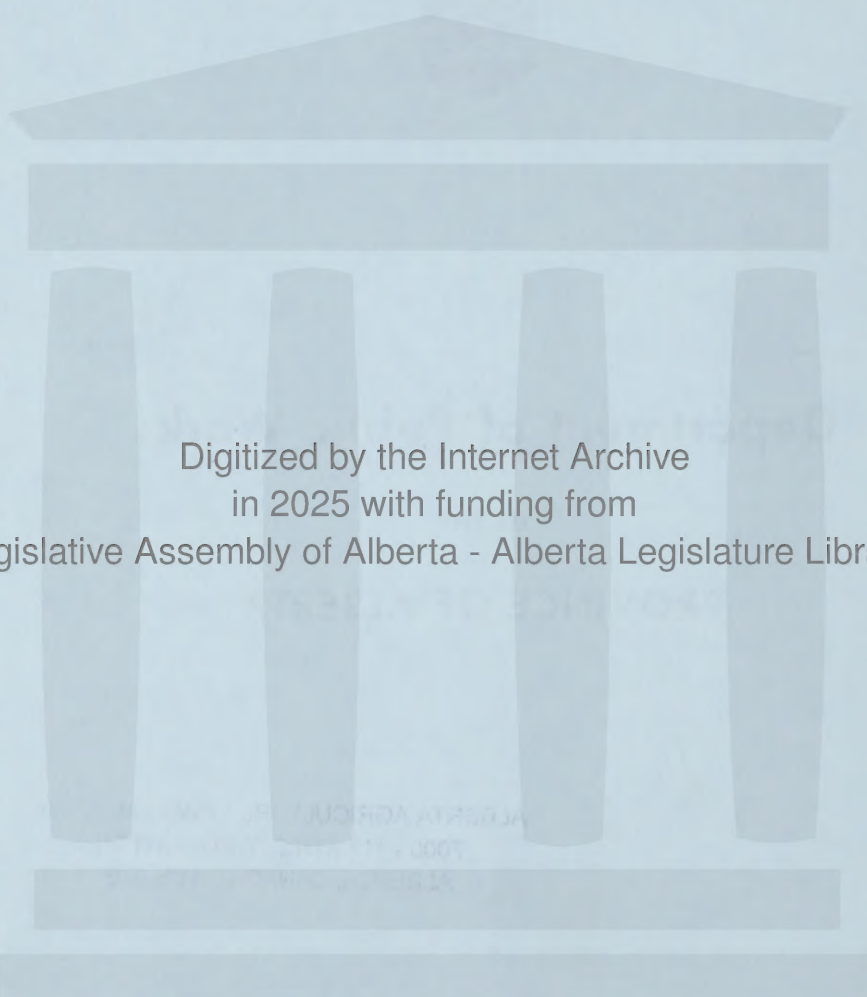
OF THE

PROVINCE OF ALBERTA

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THE DEPARTMENT OF PUBLIC WORKS

The Department of Public Works is required to provide suitable accommodation, the necessary furnishings and equipment to all departments of the government so that the departments may carry out the various functions required of them. Such accommodation is provided in buildings rented, purchased or constructed by the Department of Public Works. The department is responsible for the construction of all provincial government buildings.

The chief officials of the department are:

Minister of Public Works	Hon. A. W. Ludwig, Q.C.
Deputy Minister of Public Works	S. E. Kenworthy
Assistant Deputy Minister of Public Works ..	G. D. Menzies
Director of Design and Construction	J. F. Hunt
Chief Architect	N. M. Fleming
Project Director (Calgary)	V. G. Bathory
Chief Engineer	H. H. Neelands
Director of Physical Plant	W. S. Davies
Director of Utility Services	L. A. Undershultz
Administrative Accountant	K. C. Thomas
Director of Maintenance	H. W. Brettelle
Chief Construction Engineer	E. M. Silver
Superintendent of Construction	H. O. Kinsey
Property Administrator	E. E. Wilson
Personnel Officer	W. A. R. Barry

With the exception of various self-governing institutions such as the Universities in Edmonton and Calgary, the department is responsible for the servicing and maintenance of all provincial government-owned buildings. This requires the services of a large group of men with

assorted technical skills. Carpenters, plumbers, electricians, painters and other tradesmen keep these buildings in good repair; gardeners maintain the surrounding grounds which are quite extensive at some points; caretakers keep the buildings clean; men operate the elevators and watchmen guard the buildings at night.

The extensive program of construction which we are presently undertaking requires not only the services of a staff of architects, engineers, draftsmen, surveyors and building inspectors who design and plan the buildings and supervise the work of the contractors but, also, the engagement of private consulting architects and engineers.

Minor construction work in connection with renovations is undertaken by our own forces. Such work is kept to a minimum because it is the policy of the department to have whatever construction work necessary done whenever possible by contractors. This requires the department to maintain a staff of tradesmen which is augmented by temporary staff as the requirements of the work necessitate.

The department also operates various trade shops where furniture and equipment such as laboratory benches, etc., is made.

A group of engineers, firemen and tradesmen working under the Director of Utility Services is responsible for the supply of electrical power, heat, water and sewage disposal at the twenty-two largest institutions. These men also design, install and maintain the special equipment necessary. At these institutions, farm machinery, milking, canning,

laundry, kitchen and fire fighting equipment is maintained and kept in good repair by the staff. The utilities and maintenance service of a large institution is comparable to the servicing of a town of two or three thousand people.

The department has a number of other functions including the arrangements for the installation and rental of telephones, rental of parking stalls on government property throughout the province to civil servants and, when required, the buying and leasing of lands for building sites.

A garage located on the ground floor of Block E, Terrace Building, Edmonton, services the automobile fleet of the government.

The buildings constructed under the direction of the Department of Public Works rank among some of the finest in Alberta, for example, the Legislative Building in Edmonton, which incorporates the older order of design commonly employed in the construction of legislative buildings throughout the Dominion.

During recent years, a number of buildings of contemporary design have been erected under the direction of this department. These modern buildings have a simplicity of exterior design without the ornamentation that is shown on the Legislative Building. The architects who designed these buildings considered primarily the occupational requirements of the buildings and then prepared their designs accordingly.

To appreciate the work that is required to erect a large building, it must be realized that:

1. A desirable site with available services must be selected.
2. This site must be purchased at a reasonable cost.
3. Preliminary design sketches must be prepared to correlated occupational requirements with architectural design.
4. Working drawings must be prepared to ensure coordination of architectural, mechanical and electrical work. Blueprints are made from these drawings.
5. Specifications showing materials and their applications in detail, which cannot be illustrated on working drawings, must be prepared so that contractors may bid intelligently on the work.
6. Advertisements are placed in newspapers calling for tenders on each individual contract.
7. The tenders are received and opened at a specified time and date and the contract is awarded to the lowest bidder, if his tender meets the requirements of the specifications.
8. Continual inspection is made throughout the construction period to ensure that the building is constructed in strict accordance with the plans and specifications.

The major construction projects undertaken by this department during recent years are listed below:

1964

High Prairie:
Provincial Building
Spirit River:
Provincial Building
Taber:
Treasury Branch
Fairview:
Gymnasium Building, Agricultural and Vocational College
Mechanics Building, Agricultural and Vocational College
Calgary:
Civil Engineering Building, University of Calgary
Home for the Aged, Elbow Valley
Crossfield:
Home for the Aged
Edmonton:
Home for the Aged, Belvedere #2
Treasury Branch
Lethbridge:
Vehicle Storage Building, Colonization Branch
Manning:
Treasury Branch
Olds:
Metals Shop, Agricultural and Vocational College
Vermilion:
Animal Science Building, Phase I, Agricultural and
Vocational College
Red Deer:
Infirmary Building, Alberta School Hospital
Consort:
Four Stall Highway Maintenance Garage
Myrnam:
Home for the Aged

1965

Edmonton:
Two Cottages, Woodside Home
Addition to Provincial Laboratory of Public Health
School of Household Economics, University of Alberta
Shipping and Receiving Building, University of Alberta
Industrial Annex, Northern Alberta Institute of Technology
Underground Radiation Laboratory, Chemistry Building,
University of Alberta
Pilot Plant, Research Council of Alberta
Storage Warehouse, Edmonton East
Steam Line Addition, University of Alberta
Homes for the Aged - Belvedere #3, Ottewell #2, Rosslyn #2
Red Deer:
Services Building, Alberta School Hospital

1965

Red Deer: (continued)

Dormitories 7 and 8, Deerhome Institution

Storage Warehouse, Deerhome Institution

Cypress Hills Provincial Park:

Maintenance Garage

Rocky Mountain House:

Provincial Building

Bashaw:

Home for the Aged

Lethbridge:

Veterinary Diagnostic Laboratory

Vermilion:

Maintenance Building, Agricultural and Vocational College

Belmont:

Addition to Alberta Institute for Girls

Cardston:

Home for the Aged

Claresholm:

Administration Building, Alberta Hospital

Home for the Aged

Hines Creek:

Four Stall Highway Maintenance Garage

Manning:

Four Stall Highway Maintenance Garage

Grande Prairie:

Home for the Aged

Wainwright:

Home for the Aged

Two Hills:

Four Stall Highway Maintenance Garage

Blairmore:

Maintenance Garage and Office and Warehouse, Forestry
Headquarters

Fort McMurray:

Four Staff Residences, Forestry Headquarters

Hinton:

Addition to Forest Ranger School

Peace River:

Warehouse and Four Stall Highway Maintenance Garage,
Forestry Headquarters

Slave Lake:

Bunkhouse and Staff Residences, Forestry Headquarters

Gunn:

Four 6-Man Houses, Welfare Centre

Spirit River:

Provincial Building

1965

- Ponoka
 - Carpenter Shop, Alberta Hospital
- Bow Island:
 - Treasury Branch
- Calgary:
 - Biological Sciences Complex, University of Calgary
 - Calgary Hall, University of Calgary
 - Residence Buildings and Food Services Building, University of Calgary

1966

- Calgary:
 - Core Storage Building, Oil and Gas Conservation Board
 - Foothills Provincial General Hospital
 - Administration Building, Provincial Jail
 - Engineering Centre, Phase II, University of Calgary
- Camrose:
 - Four Stall Highway Maintenance Garage
- Grande Prairie:
 - Eight Stall Highway Maintenance Garage
- Ponoka:
 - Four Stall Highway Maintenance Garage
- Coronation:
 - Provincial Building
- Breton:
 - Treasury Branch
- Edmonton:
 - Henry Marshall Tory Building, University of Alberta
 - Vivarium, University of Alberta Farm
 - Administration Building, Woodside Home
 - Environmental Control Laboratory, University of Alberta Farm
 - Office Building and Garage, Oil and Gas Conservation Board
 - Laboratory, Research Council of Alberta
 - Veterans' Nursing Home
- Duchess:
 - Four Stall Highway Maintenance Garage
- Hinton:
 - Four Stall Highway Maintenance Garage
- Lac La Biche:
 - Eight Stall Highway Maintenance Garage
- Clyde:
 - Four Stall Highway Maintenance Garage
- Anzac:
 - Four Stall Highway Maintenance Garage
- Edson:
 - Eight Stall Highway Maintenance Garage
- Cypress Hills Provincial Park:
 - Campsite Shelter and Ski Lodge

- 1966 Footner Lake:
 Four Stall Highway Maintenance Garage and Headquarters
 Office Building, Forestry Headquarters
Fort McMurray:
 Forestry Dock
Red Deer:
 Student Nurses' Residence, Alberta School Hospital
- 1967 Oliver:
 Drying and Seed Extraction Plant, Tree Nursery
Vermilion:
 Addition to Animal Science Building, Agricultural and
 Vocational College
 Dairy Studies Building, Agricultural and Vocational
 College
 Home Economics, Commercial and Academic Building,
 Agricultural and Vocational College
 Staff Residences
 Central Heating Plant and Services Distribution System,
 Agricultural and Vocational College
Calgary:
 Central Heating and Cooling Plant, Southern Alberta
 Institute of Technology
 Underground Utilities Distribution System, Southern Alberta
 Institute of Technology
 Kananaskis Science Station, University of Calgary
 Department of Public Works and Department of Highways
 Building
 Warehouse and Garage, Bow River Forestry Headquarters
 Two Cottages, Garage and Administration Building,
 Sprucecliff Home
 Central Heating and Cooling Plant, University of Calgary
 Underground Utilities Distribution System, University of
 Calgary
 South Complex, Southern Alberta Institute of Technology
 Engineering Centre, Phase III, University of Calgary
 Bow River Cooling Water System, University of Calgary
 Addition to Refrigeration, Administration Building,
 Provincial Jail
 Addition to Calgary Hall, University of Calgary
Edmonton:
 Maintenance and Repair Shops, Edmonton East
 Alcoholism In-Patient Treatment Centre
 Printing Services Building, University of Alberta
 Central Cooling Plant, University of Alberta

1967

Edmonton: (continued)

Provincial Museum and Archives, Phase II
Administration Building, Alberta Hospital
Two Cottages, Woodside Home
Addition to Heating Plant, School for the Deaf
Additions and Alterations to Dormitory #2, Alberta
Hospital
Diagnostic and Receiving Centre
Addition to Education Building Library, University of
Alberta

Scott Lake:

Four Stall Highway Maintenance Garage

Magrath:

Four Stall Highway Maintenance Garage

Red Deer:

Carpenter Shop

Brooks:

Treasury Branch

Addition to Staff House, Building #2, Demonstration Farm

Hinton:

Garage and Warehouse

Claresholm:

Provincial Building

Sylvan Lake:

Home for the Aged

Peace River:

Bunkhouse

Water and Sewer Treatment Plants, Provincial Jail

Four Stall Highway Maintenance Garage

Whitecourt:

Bunkhouse and Addition to Four Stall Garage

Swan Hills:

Four Stall Highway Maintenance Garage

Grande Prairie:

Addition to Provincial Building, Emergency Measures
Organization

Footner Lake:

Bunkhouse

Lac La Biche:

Repair Shop

Castor:

Provincial Building

Lethbridge:

Four Stall Highway Maintenance Garage

Receiving Home for Children

Medicine Hat:

Administration Building

1967

Edson:

Repair Shop

Fairview:

Central Heating Plant and Services Distribution System,
Agricultural and Vocational College

Farm Structures and Machinery Laboratory, Agricultural
and Vocational College

Vulcan:

Treasury Branch

Olds:

Provincial Building

Animal Science Building, Agricultural and Vocational
College

Falher:

Provincial Building

Slave Lake:

One Stall Addition to Garage

Addition to Forestry Headquarters Building

Crossfield:

Four Stall Highway Maintenance Garage

1968

Peace River:

Provincial Jail

Office Building

Calgary:

Headquarters Building and Implement Store, Bow River

Forestry Headquarters

Partition Work, Southern Alberta Institute of Technology

Single Men's Hostel

Engineering Centre, Phase IV, University of Calgary

Education Building, University of Calgary

Clyde:

Group "A" Salt Storage Shed

Edson:

Group "A" Salt Storage Shed

Leduc:

Group "A" Salt Storage Shed

Athabasca:

Provincial Building

Group "A" Salt Storage Shed

Medicine Hat:

Group "D" Salt Storage Shed

Fort Macleod:

Group "D" Salt Storage Shed

Red Deer:

Group "B" Salt Storage Shed

1968

Gleichen:
 Group "B" Salt Storage Shed

Fairview:
 Girls' Residence, Agricultural and Vocational College
 Plant Science Building, Agricultural and Vocational College
 Maintenance Building, Agricultural and Vocational College
 Animal Sciences Building, Agricultural and Vocational College

Vermilion:
 Administration Building, Fire Training School
 Home for the Aged
 Home Economics, Commercial and Academic Building, Phase II, Agricultural and Vocational College

Olds:
 Central Heating Plant and Services Distribution System, Agricultural and Vocational College
 Hog Studies Building, Agricultural and Vocational College
 Students' Residence, Agricultural and Vocational College
 Maintenance Building, Agricultural and Vocational College
 Group "B" Salt Storage Shed

Blairmore:
 Office Building

Drumheller:
 Group "B" Salt Storage Shed and Oil Storage Shed
 Treasury Branch
 Home for the Aged

Edmonton:
 J Wing, Northern Alberta Institute of Technology
 Services Garage and Storage Building, University of Alberta
 South Power Plant Addition
 Killarney Treasury Branch
 O. S. Longman Building
 North Loop Services Tunnel, University of Alberta
 Group "A" Salt Storage Shed, Southeast Edmonton

Evansburg:
 Group "A" Salt Storage Shed

Camrose:
 Home for the Aged
 Group "A" Salt Storage Shed

Barrhead:
 Home for the Aged

Westlock:
 Home for the Aged

Wabamun:
 Comfort Station

Lethbridge:
 Home for the Aged

1968

Grande Prairie:

Air Conditioning, Provincial Building

Smoky Lake:

Home for the Aged

Lacombe:

Provincial Building

Vegreville:

Treasury Branch

Home for the Aged

Claresholm:

Nurses' Residence, Alberta Hospital

Boiler Plant and Tunnel Extension, Alberta Hospital

McLean Hall, Alberta Hospital

Wainwright:

Treasury Branch

Oliver:

Cold Storage Building Addition, Tree Nursery

Ponoka:

Addition to Administration Building, Alberta Hospital

Group "A" Salt Storage Shed

Bruderheim:

Oil Storage Shed

1969

Edmonton:

Clinical Sciences Building, University of Alberta

Dairy Cattle Research Unit, University of Alberta Farm

Utilities Services, Clinical Sciences Building, University of Alberta

Alberta Forest Service Depot

Addition to Alberta Research Council

Admission Building, Alberta Hospital

Steam Distribution Line, Alberta Hospital

Ward #11, Alberta Hospital

Sign, Paint and Carpenter Shop

Water Booster Station

University of Alberta Area Utilities Electrical Conversion, Phase I

Water Meter Chamber and Primary Water Feeders, University of Alberta

Biological Sciences Building, Phase I

Calgary:

Social Sciences I Building, University of Calgary

Kananaskis Science Station Addition

Sciences IIIB - Mathematics, University of Calgary

Physical Plant Building, University of Calgary

9th and 10th Floors, "N" Block, South Complex, Southern

Alberta Institute of Technology

1969

Calgary: (continued)

Addition to Kitchen, Provincial Jail
Additions to Red Cross Blood Transfusion Centre
Mechanical Renovations, Manchester Shops
John J. Bowlen Building
Treasury Branch, 17 Avenue S.W.

Tillebrook:

Trans Canada Highway Campsite

Rocky Mountain House:

Bunkhouse
Salt Storage Shed

Camrose:

Central Services Building, Rosehaven Home
Ward Building #3, Rosehaven Home

Edson:

Bunkhouse

Lac La Biche:

Bunkhouse

Ponoka:

#2 Laundry Building, Alberta Hospital
Utilities Services, #2 Laundry Building, Alberta Hospital

Olds:

Farm Maintenance Building, Agricultural and Vocational
College

Oliver:

Seedling and Seed Storage Building, Tree Nursery

Red Deer:

Additions and Alterations to Services Building, Deerhome
Institution

Vermilion:

Conversion of Heating System, Dormitory and Animal Science
Building, Agricultural and Vocational College
Group "C" Salt Storage Shed and Oil Storage Shed

Bonnyville:

Group "C" Salt Storage Shed

Two Hills:

Group "C" Salt Storage Shed

Wetaskiwin:

Salt Storage Shed

Bruderheim:

Salt Storage Shed

Bon Accord:

Salt Storage Shed

Morinville:

Salt Storage Shed

1969

Medicine Hat:

Senior Citizens' Home

Viking:

Treasury Branch

1970

Olds:

Administration and Academic Building

Vermilion:

Hog Studies Building

Edmonton:

Chemical Storage Addition, Northern Alberta Institute
of Technology

Central Testing Laboratory

High Voltage Cable System Extension, Government Centre

Lamont:

Senior Citizens' Home

Blue Lake:

Maintenance Building, Outdoor Education Centre

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